

## Recombinant Mouse Rtn4r Protein (Cys27-Ser447), C-His tagged

**Cat. No.** Rtn4r-6756M    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant mouse Rtn4r (Cys27-Ser447) fused with the C-terminal His tag was expressed in mammalian cells.
<b>Species</b>	Mouse
<b>Source</b>	Mammalian Cells
<b>ProteinLength</b>	Cys27-Ser447
<b>Description</b>	Enables chondroitin sulfate binding activity; heparin binding activity; and neuregulin receptor activity. Involved in several processes, including corpus callosum development; negative regulation of neuron projection development; and neuronal signal transduction. Acts upstream of or within axonogenesis. Located in several cellular components, including axonal growth cone; dendritic shaft; and neuronal cell body. Is integral component of plasma membrane. Is expressed in several structures, including cardiovascular system; forelimb bud; intestine; male reproductive gland or organ; and nervous system. Human ortholog (s) of this gene implicated in schizophrenia. Orthologous to human RTN4R (reticulon 4 receptor).
<b>Form</b>	Lyophilized powder/frozen liquid
<b>Molecular Mass</b>	46.31 kDa
<b>Purity</b>	> 90 % as determined by SDS-PAGE

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<b>Notes</b>	For research use only.
<b>Storage</b>	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
<b>Storage Buffer</b>	Supplied as solution form in PBS or lyophilized from PBS.
<b>Reconstitution</b>	Reconstitute in sterile water for a stock solution.
<b>Shipping</b>	They are shipped out with dry ice/blue ice unless customers require otherwise.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">Rtn4r reticulon 4 receptor [ Mus musculus (house mouse) ]</a>
<b>Official Symbol</b>	<a href="#">Rtn4r</a>
<b>Synonyms</b>	RTN4R; reticulon 4 receptor; reticulon-4 receptor; nogo receptor; Nogo-66 receptor; NgR; NgR1; NOGOR;
<b>Gene ID</b>	<a href="#">65079</a>
<b>mRNA Refseq</b>	<a href="#">NM_022982</a>
<b>Protein Refseq</b>	<a href="#">NP_075358</a>
<b>UniProt ID</b>	<a href="#">Q99PI8</a>

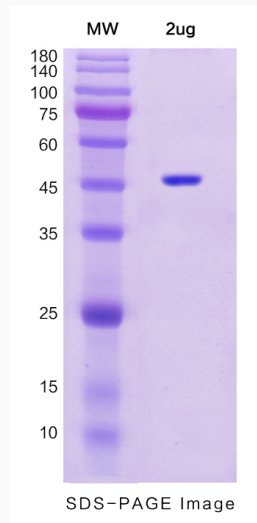
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SDS-PAGE



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